



ATLAS ELECTRO-HYDRAULIC SYSTEMS PTY (Ltd) T/A



ATLAS INDUSTRIAL SYSTEMS

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- INDUSTRIAL INSTRUMENTATION AND SENSORS -

DELTA Rota-Sonde DC4500 Scanning Hot Metal Detector With Bargraph And Laser Line

The scanning optical system, in association with state-of-the-art infrared photocell technology, is the optimal solution for accurate, fast and reliable detection of product, whatever it's size and temperature.

The **Rota-Sonde DC4500** is a scanning hot metal detector for rolling mills and continuous caster applications, offering two sensitivity ranges, two self-monitoring functions and a display with bargraph to help setup.

The high sensitivity range enables detection of steel product at a temperature as low as 180 °C and 360 °F.

The **Rota-Sonde DC4500** is perfectly suitable for all detection applications of low-temperature rolled product or low emissivity materials such as hafnium and aluminum.

It is also convenient for applications where a change in the process or material leads to major variations in the temperature of the product or its emissivity, as after quenching, or for special steels.



Benefits

- High detection accuracy based on a narrow lateral field: independent of product temperature, size or position.
- Reliable detection even in the presence of steam or dust based on a small analysing beam.
- Easy alignment of the sensor with integrated laser line (model -LL) or laser pointer (model -LP).
- Easy setup with integrated LED bar-graphs: signal amplitude and detection thresholds.

<https://www.deltasensor.eu/en/Products/Hot-Metal-Detectors-HMD-/Rota-Sonde-DC4500>

PROCESS INSTRUMENTATION	SPEED SENSORS	POSITION FEEDBACK SENSORS	PROCESS FITTINGS VALVES AND MANIFOLDS	PROCESS INSTRUMENTATION
ABB	ai.tek Instruments	ASM	BAXCELL	C-Star
SENSORS FOR THE STEEL INDUSTRY	TRAPPED KEY INTERLOCKS	PRESSURE AND TEMPERATURE SWITCHES	GUIDING SYSTEMS FOR METALS	LEVEL AND FLOW SENSORS FOR HARSH ENVIRONMENTS
DELTA	Castell	FEMA	FIFE	FLOWLINE <small>Min. Pos. Meter / Level / Guard</small>
MEASURING GAUGES	SENSING AND CONTROL SENSORS	COUPLING SYSTEMS	FIBRE OPTIC KINETIC SENSORS	LASER VELOCITY SENSORS
GaugeMax	Honeywell	IBK	micronor	Polytec
KENT POWER CYLINDERS	HEAVY DUTY MECHANICAL INTERLOCKS	TEMPERATURE AND HUMIDITY TRANSMITTERS	PROCESS INSTRUMENTATION	HARSH LIQUID ANALYSERS
Power Cylinder Products Ltd	STI	TEKON Prüftechnik GmbH	TRANSDUCERS direct®	TURTLE TOUGH SENSORS
PROCESS TEMPERATURE CONTROLLERS	ISO 9001:2015 ID 9105035558	WE SUPPORT - WE SUPPLY - WE SERVICE		
UDIAN Yudian Automation				